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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Seishi Kato *et al.*  
Serial No. : 09/284,320  
Filed : April 28, 1999  
For : HUMAN PROTEINS HAVING TRANSMEMBRANE DOMAINS  
AND DNAs ENCODING THESE PROTEINS

June 16, 1999  
Assistant Commissioner for Patents  
BOX MISSING PARTS  
Washington, D.C. 20231

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS  
UNDER 35 U.S.C. 371 IN THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)

Dear Sir:

Applicants submit herewith the Declaration and Power of Attorney of the inventors, in compliance with 37 CFR §1.497(a) and (b), identifying the application by the International application number and international filing date. The deadline for filing this document is July 14, 1999.

Authorization is hereby given to charge the surcharge of \$130 and any other fee that may be due in this regard to Deposit Account No. 07-1060.

Respectfully submitted,

Suzanne A. Sprunger, Ph.D.  
Reg. No. 41,323  
Attorney for Applicants  
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SUBMITTED IN DUPLICATE

Legal Affairs  
Genetics Institute, Inc.  
87 CambridgePark Drive  
Cambridge, MA 02140

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as  
first class mail in an envelope addressed to Assistant  
Commissioner For Patents, Washington, D.C. 20231  
on June 16, 1999

09/284320

U.S. APPLICATION NO. 09/284,320



UNITED STATES DEPARTMENT OF COMMERCE  
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FIRST NAMED APPLICANT

ATTY. Docket No.

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INTERNATIONAL APPLICATION NO.

PCT/JP97/04056

I.A. FILING DATE

PRIORITY DATE

11/07/97

11/13/96

DATE MAILED

06/14/99

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**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as

- ☐ a Designated Office (37 CFR 1.494),  
☐ an Elected Office (37 CFR 1.495):

- ☒ U.S. Basic National Fee.  
☒ Copy of the international application in:  
☐ a non-English language.  
☐ English.

- ☐ Translation of the international application into English.  
☐ Oath or Declaration of inventor(s) for DO/EO/US.  
☐ Copy of Article 19 amendments.  
☐ Translation of Article 19 amendments into English.  
☐ The International Preliminary Examination Report in English and its Annexes, if any.  
☐ Translation of Annexes to the International Preliminary Examination Report into English.  
☐ Preliminary amendment(s) filed \_\_\_\_\_ and \_\_\_\_\_.  
☐ Information Disclosure Statement(s) filed \_\_\_\_\_ and \_\_\_\_\_.  
☐ Assignment document.  
☐ Power of Attorney and/or Change of Address.  
☐ Substitute specification filed \_\_\_\_\_.  
☐ Statement Claiming Small Entity Status.  
☐ Priority Document.  
☒ Copy of the International Search Report ☒ and copies of the references cited therein.  
☐ Other:

2. The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.  
☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.  
☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).  
☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.  
☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.  
☐ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

3. Additional claim fees of \$ \_\_\_\_\_ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fees, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.

**ALL OF THE ITEMS SET FORTH IN 2(a)-(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☐ 21 OR ☒ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

4. Translation of the Annexes MUST be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.  
5. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

**A copy of this notice MUST be returned with this response.**

Enclosed: ☐ PCT/DO/EO/917  
☐ PTO-875

☐ Notice of Defective Translation

Barbara Campbell

National Stage Processing

Telephone: (703) (703) 305-3631

FORM PCT/DO/EO/905 (December 1997)